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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Ryuzo UENO, et al.

Serial No.: 10/009,613

Group: 1756

Filed: December 14, 2001

GROUP TOO Examiner: J. Sadula

FOR: LIQUID CRYSTAL POLYESTER RESIN

Date: July 9, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with their obligation under 37 C.F.R. \$1.56, Applicants would like to call the Examiner's attention to the documents listed on the attached form SB-08A. No fee is required with this Information Disclosure Statement as it is filed under 37 CFR \$1.97(b) and is accompanied by a statement in accordance with 37 CFR \$1.97(e)(1).

Applicants note that all of the documents listed are cited in the recently issued European Search Report in the corresponding European application.

Applicants point out that the Japanese reference JP 08 511573 was previously provided with the Information Disclosure

Statement filed February 19, 2002, and that it is the corresponding Japanese application to U.S. Patent 5,397,502 also previously provided. Furthermore, U.S. Patent 5,397,502 is the U.S. equivalent to WO 94 29366 which is the International Publication of PCT/US94/05714, the original International Application for both U.S. Patent 5,397,502 and the Japanese reference JP 08 511573. In view of this, Applicants respectfully submit that an English translation of the disclosure of JP 08 511573 is of record in the subject application in the form of U.S. Patent 5,397,502 and is herewith provided in the form of a copy of WO 94 29366.

A copy of the European Search Report is also included and provides reference to the relevant sections of the documents.

The Examiner is respectfully requested to initial in the space provided adjacent to the listing of each document on the form PTO/SB/08A, and return a copy of the initialed form with the next communication to confirm that these documents have been considered by the Examiner and made of record in this application.

Applicants are not aware at this time of any other prior art which could be considered to be relevant to the present application.

Respectfully submitted,

Attorney for Applicants
Robert L. Haines

Reg. No. 35,533

SHERMAN & SHALLOWAY P.O. BOX 788 Alexandria, Virginia 22313 (703) 549-2282



ATTORNEY'S DOCKET TAN-291 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re the application of: | Group Art Unit: 1646 |
|---------------------------|--|
| Keiichi TAKAGAKI, et al. | Examiner: Unknow CAO 1 2003 |
| Serial No. 09/916,250 |) Examiner: Unknow Proup 1003 |
| Filed: January 28, 2003 | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |

For: METHOD FOR EXTRACTION AND PURIFICATION OF CARTILAGE TYPE PROTEOGLYCAN

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. §1.97-1.98. Please note the following particulars:

[NOTE: One only of items a, b, c, and d must be checked.]

- [] a. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. §1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.
- [X] b. The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311.
 - The enclosed statement is accompanied by [check one]:

 [X] i. a certification in part (e) below as specified in 37 C.F.R. \$1.97(e), or

 [] ii. a check in the amount of \$ required by 37 C.F.R. \$1.17(p).
- [] c. The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311, but before payment of the issue fee.

PETITION: It is requested that the information being submitted be considered. [NOTE: If box (c) is checked, the following two boxes must be checked.]

- [] PETITION FEE: A check for \$130.00 required by 37 CFR \$1.17(i)(1), is enclosed.
- [] CERTIFICATION is attended to in box (e) below.
- [] d. The enclosed statement is being filed pursuant to 37 C.F.R. §1.97(i), for placement in the file.
- [X] e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]
 - [X] I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. \$1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

- [] Appropriate certification is attached.
- [X] f. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 19-1980.

Respectfully submitted,

SHERMAN AND SHALLOWAY

Attorney for Applicants

Robert L. Haines Reg. No. 35,533

SHERMAN AND SHALLOWAY

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Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 10/009,613
Filing Date December 14, 2001
First Named Inventor Ryuzo UENO
Art Unit 1756
Examiner Name Sadula
Attorney Docket Number OHSH-311

| Examiner | Cite | Document Number | U. S. PATENT D Publication Date | Name of Patentee or | Pages, Columns, Lines, Where |
|-----------|--------------|---|--|-----------------------------|---|
| Initials* | Cite No.1 | | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear |
| | ! | Number-Kind Code ^{2 (# known)} | | | 1 iguies Appeal |
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| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | | Or Relevant Figures Appear | T ⁶ |
| | | EP 0 380 286 | 08-01-1990 | Nippon Oil Co | | V |
| | | WO 94 29366 | 12-22-1994 | Du Pont | | V |
| | | JP 08 511573 | 12-03-1996 | Du Pont | | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.